

Implementation Guidelines for the June 12, 2002 Revisions to Part 75

Table 1: Rule Changes/Provisions Requiring EDR v2.2

#	Description of Rule Change or Provision	Optional/ Required	EDR Version	What Steps to Use this Option/requirement?	When to report?	Implementation Guidelines
1	Revised rule contains provisions for units that do not produce electrical or steam load (non load-based units)	Required for this type of unit	v2.2	1. Submit Cert of Rep form (if not done already).	1. By the date specified in the applicable program.	For units required to report data in 2002 ozone season under the NO _x SIP Call, submit the 3rd quarter, 2002 report in v2.2 and resubmit the 2nd quarter, 2002 report, ASAP after release of EDR v2.2. Resubmissions or late submissions of ozone season data are permitted until December 31, 2002.
				2. Submit MP in EDR v2.2.	2. By the date specified in the applicable program.	
				3. Submit EDRs in v2.2 .	3. By the date specified in the applicable program.	
2	Revised rule allows new missing data option for fuel-specific CEMS missing data substitution	Optional	v2.2	1. Submit MP in EDR v2.2.	1. Anytime	Close out the "SPTS" missing data methodology in RT 585, col 28, as of the implementation date, and add a new RT 585 using the "FSP75" or "FSP75C" methodology (as applicable). Define fuel-specific MPC/MER values in RT 531.
				2. Submit EDR v2.2, at a quarter boundary. Creation of the fuel-specific data "pools" needed to implement this option may begin as of July 1, 2002.	2. October, 2002 or a subsequent submission period, depending on date of implementation.	For units desiring to switch to this option, EPA recommends ¹ that upon upgrading to EDR v2.2, you continue to calculate the PMA and use the standard missing data procedures, until you have accumulated at least 24 quality-assured monitor operating hours in the data pool for each fuel type. At that point, you may begin to apply the standard missing data algorithms in § 75.33 on a fuel-specific basis. For the required lookbacks, use whatever data are in the appropriate data pool until you are able to do full 720 (or 2160) hour or (if applicable) 3-year lookbacks. No resubmissions are allowed to use this option retroactively.
3	Use of default SO ₂ emission rates for Appendix D units that combust "other" gaseous fuels	Optional	v2.2	1. Submit MP in EDR v2.2.	1. Anytime	
				2. Submit EDR v2.2 at a quarter boundary. Option may be implemented in third quarter, 2002, for hours on or after July 1, 2002.	2. October, 2002 or any subsequent submission period, depending on date of implementation.	

¹ EPA solicits comment on this proposed implementation approach.

Implementation Guidelines for the June 12, 2002 Revisions to Part 75 (cont.)**Table 1: Rule Changes/Provisions Requiring EDR v2.2**

#	Description of Rule Change or Provision	Optional/ Required	EDR Version	What Steps to Use this Option/requirement?	When to report?	Implementation Guidelines
4	Revised rule allows use of fuel-specific MPC and MER for units with an unmonitored bypass stack	Optional	v2.2	1. Submit MP in EDR v2.2.	1. Anytime	MODC "23" must be reported for hours when this option is used. Fuel-specific MPC and MER values must be reported in RT 531. Code "BYMAXFS" must be reported in RT 585, column 14, for the appropriate parameter(s).
				2. Submit EDR v2.2 at a quarter boundary. Option may be implemented in third quarter, 2002 for hours on or after July 1, 2002.	2. October, 2002 or any subsequent submission period, depending on date of implementation.	
5	For units with multiple-stack configuration, revised rule allows flow-to-load test to be done on individual stacks (modifications to RTs 605/606)	Optional	v2.2	Option may be implemented in third quarter, 2002 for hours on or after July 1, 2002.	October, 2002 or any subsequent submission period, depending on date of implementation.	Units calculating the combined ratio will continue to report EDR v2.1. Upgrade to v2.2 is only required for units using the new option to calculate separate reference ratios for each multiple stack.
6	LME option provided for Other Gaseous Fuel unit	Required for this category of unit	v2.2	1. Submit qualification data for LME per standard procedure.	1. Anytime	For units required to report data in 2002 ozone season under the NO _x SIP Call, submit the 3rd quarter, 2002 report in v2.2 and resubmit 2nd quarter, 2002 report, ASAP after release of EDR v2.2.
				2. Submit MP in v2.2.	2. Anytime	
				3. Submit EDR in v2.2.	3. By the date specified in the applicable program.	Resubmissions of second quarter 2002 data are permitted until December 31, 2002.
7	Change in LME default value calculations (changes to RT 650)	Optional	v2.2	Submit in EDR v2.2 for third quarter, 2002, or later (as applicable).	October, 2002 submission period, or later (as applicable).	Existing LME's may continue to use the prior calculation methodology for fuel-and-unit-specific NO _x default emission rates (i.e., highest individual test run at any load) for tests conducted prior to July 12 th , 2002, as long as they continue to report in EDR v2.1. All LME units that retest on or after July 12 or that choose to use EDR v2.2 must use the new calculation methodology (i.e., highest 3-run average at any load).

Implementation Guidelines for the June 12, 2002 Revisions to Part 75 (cont.)**Table 2: Rule Changes/Provisions Supported by EDR v2.1**

#	Description of Rule Change or Provision	Optional/Required	EDR Version	What Steps to Use this Option/requirement?	When to report?	Implementation Guidelines
1	New options allowed for determining MPC and MEC values. New units of measure for flow daily calcs	Optional	v2.1	Submit revised MP in EDR v2.1. Amend MPC, MEC, span and range information as appropriate in RT 530.	Anytime	These options (i.e., use of permit limit for NO _x , MEC or manufacturer's data for MPC) have been previously allowed as a matter of policy
2	Revised rule changes the definitions of "pipeline natural gas" (PNG) and "natural gas" in § 72.2, and modifies Equation D-1h in Appendix D.	Required	v2.1	Comply with new definitions and revised Equation D-1h starting July 12, 2002 (this may not require any change from current procedures)	October, 2002 submission period	For calendar year 2002, you may use the results of total sulfur samples obtained under EPA's June, 2000 interim guidance on the PNG and natural gas definitions to satisfy the new rule requirements. The annual total sulfur sampling requirements in the new rule take effect in 2003
3	For gaseous fuels, the revised rule changes the sulfur content missing data values and substitution procedures in Table D-6 of Appendix D.	Required	v2.1	Implement the new missing data values and substitution procedures by July 1, 2003	October, 2003 submission period	Technical corrections to the June 12, 2002 rule were issued on August 16, 2002 (67 <u>Fed.Reg</u> p.53505). These corrections require implementation of the new missing data provisions in Table D-6 no later than July 1, 2003.
4	Rule allows use of Equation D-8 on a volume basis; revises nomenclature for Eq. F-21a,b,c,d and F-25; and extends use of Eq.G-4 to oil-fired units	Optional	v2.1	Submit revised MP in EDR v2.1	Anytime	These options have been previously allowed as a matter of policy or by approved petitions.
5	Revised rule specifies reporting of maximum fuel flow (corresponding to maximum unit heat input) during combustion of emergency fuel	Optional	v2.1	No changes needed.	N/A	This reporting guidance was previously provided in Policy Manual Question 25.10 (October 1999)
6	Revised rule significantly changes the fuel sulfur content demonstration procedure for "other" gaseous fuels in section 2.3.6 of Appendix D	N/A	v2.1			No new codes or fields needed

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#	Description of Rule Change or Provision	Optional/Required	EDR Version	What Steps to Use this Option/requirement?	When to report?	Implementation Guidelines
7	Revised rule allows single-fuel data exclusions for fuel flow-to-load test if co-firing is principal mode of operation, and vice-versa	N/A	v2.1			No new codes or fields needed
8	Revised rule lowers the alternate calibration error specification to 5.0 ppm for SO ₂ and NO _x monitors with span values ≤ 50 ppm (no reporting change)	Required	v2.1	Must change specification for all daily calibrations beginning on July 12, 2002.		No new codes or fields needed
9	Revised rule removes 7-day calibration error test requirement for peaking units and SO ₂ and NO _x span values ≤ 50 ppm (no reporting change)	N/A	v2.1	In initial monitoring plan, report RT 507 demonstrating peaking unit qualification.	As required for initial monitoring plan.	No new codes or fields needed
10	Revised rule raises the LME NO _x emission thresholds to 100 tons/year or 50 tons/ozone season. Revised rule also modifies the administrative procedures and emission testing requirements for LME units.	N/A	v2.1	1. Submit qualification data for LME per standard procedure	1. As specified in § 75.19 (a)	For units in the NO _x SIP Call, the new LME provisions may be applied retroactively, starting May 1, 2002. Upgrading to EDR v2.2 is only required if unit is affected by an item in Table 1 above. For SIP Call units, LME qualifying data will be accepted throughout the 2002 ozone season. Resubmittal of 2 nd and 3 rd quarter, 2002 EDRs is permitted until December 31, 2001.
				2. Submit MP	2. As specified in § 75.19 (a)	
				3. Submit EDR	3. By the applicable submission deadline	
11	Change in required value to be used for Appendix E units if an emergency fuel is burned	Required	v2.1	Comply with requirement for hours on or after July 12.		Specify the emergency fuel hours in RT 910 if reporting in EDR v2.1. If electing to upgrade to EDR v2.2, identify the emergency fuel hours using the new code defined for this purpose in RT 323 or 324.

Implementation Guidelines for the June 12, 2002 Revisions to Part 75 (cont.)**Table 2: Rule Changes/Provisions Supported by EDR v2.1**

#	Description of Rule Change or Provision	Optional/ Required	EDR Version	What Steps to Use this Option/requirement?	When to report?	Implementation Guidelines
12	Change in required value to be used during uncontrolled hours for Appendix E units with add-on NO _x controls who tested only under controlled conditions	Required	v2.1	Begin substituting fuel-specific MER for uncontrolled hours on or after July 12 and report "U" for the parameter status flag.	October submission period.	Manual entry of the MER value and the "U" code is permitted prior to March 31, 2003.
13	Revised rule allows new missing data option for ozone season/non-ozone season. This option is available for NO _x emission rate or NO _x ppm, for all units that (a) have add-on NO _x emission controls; (b) report year round; and (c) are subject to a NO _x mass trading program.	Optional	v2.1	1. Submit revised MP. Close out the "SPTS" missing data methodology and add a new RT 585 with the appropriate start date using code "OZN75" in col 28.	1. Anytime	For units desiring to switch to this option, EPA recommends ² that you continue to calculate the PMA and use the standard missing data procedures, until you have accumulated at least 24 quality-assured monitor operating hours of NO _x data in the ozone season data pool and 24 hours in the non-ozone season data pool. At that point, you may begin to implement the standard NO _x missing data procedures on an ozone season/non-ozone season basis, as described in § 75.34 (a)(2). For the required lookbacks, use whatever data are in the appropriate data pool until you are able to do full 720 (or 2160) hour or (if applicable) 3-year lookbacks. No resubmissions allowed to use this option retroactively.
				2. Data collection for this option may begin on or after July 1, 2002.	2. October, 2002 or a subsequent submission period, depending on date of implementation.	
14	Data from a certified inlet monitor may be used instead of reporting MPC or MER, during SO ₂ or NO _x control device bypass hours or for missing data hours when an SO ₂ or NO _x add-on control device is not documented to be operating properly .	Optional	v2.1	1. Certify inlet monitoring system.	1. Anytime	MODC code "22" must be used to flag data from a certified inlet monitor
				2. Submit revised MP showing inlet system in RT 510, and submit certification test results.	2. Anytime	
				3. Report data from inlet system.	3. For hours after system is certified.	

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